

SHT | Digital time switch clock



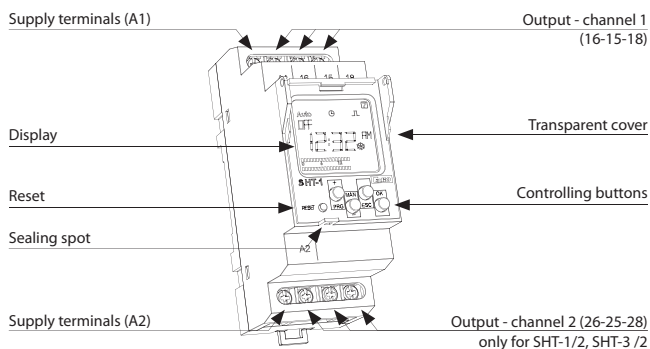
EAN code
 SHT-1 /230 V: 8595188130424
 SHT-1 /UNI: 8595188130431
 SHT-1/2 /230 V: 8595188130400
 SHT-1/2 /UNI: 8595188130417
 SHT-3 /230 V: 8595188136761
 SHT-3 /UNI: 8595188136754
 SHT-3/2 /230 V: 8595188129015
 SHT-3/2 /UNI: 8595188129046

| Technical parameters | SHT-1, SHT-3 | SHT-1/2, SHT-3/2 |
|-------------------------------------|--|---|
| Supply terminals: | A1 - A2 | |
| Voltage range: | AC/DC 12 - 240 V (AC 50 - 60 Hz) | |
| Burden: | AC 0.5 - 2 VA / DC 0.4 - 2 W | |
| Voltage range: | AC 230 V / 50 - 60 Hz | |
| Burden: | AC max. 14 VA / 2 W | |
| Supply voltage tolerance: | -15 %; +10 % | |
| Back-up supply: | yes | |
| Summer/winter time: | automatic | |
| Output | | |
| Number of contacts: | 1x changeover/SPDT (AgSnO ₂) | 2x changeover/SPDT (AgSnO ₂) |
| Current rating: | 16 A / AC1 | |
| Breaking capacity: | 4000 VA / AC1, 384 W / DC | |
| Inrush current: | 30 A / < 3 s | |
| Switching voltage: | 250 V AC1 / 24 V DC | |
| Mechanical life: | > 3x10 ⁷ | |
| Electrical life (AC1): | > 0.7x10 ⁵ | |
| Time circuit | | |
| Power back-up: | up to 3 years | |
| Accuracy: | max. ±1s / day at 23 °C (73.4 °F) | |
| Minimum interval: | 1 min | |
| Data stored for: | min. 10 years | |
| Cyclic output: | 1 - 99 s | |
| Pulse output: | 1 - 99 s | |
| Program circuit | | |
| Number of memory places: | 100 | |
| Program (SHT-1; SHT-1/2): | daily, weekly | |
| Program (SHT-3; SHT-3/2): | daily, weekly, monthly, yearly (up to year 2095) | |
| Data readout: | LCD display, with back light | |
| Other information | | |
| Operating temperature: | -20 °C to +55 °C (-4 °F to 131 °F) | |
| Storage temperature: | -30 °C to +70 °C (-22 °F to 158 °F) | |
| Electrical strength: | 4 kV (supply - output) | |
| Operating position: | any | |
| Mounting: | DIN rail EN 60715 | |
| Protection degree: | IP10 clips, IP40 from front panel | |
| Overvoltage category: | III. | |
| Polution degree: | 2 | |
| Max. cable size (mm ²): | solid wire max. 2x 2.5 or 1x 4 with sleeve max. 1x 2.5 or 2x 1.5 (AWG 12) | |
| Dimensions: | 90 x 35.6 x 64 mm (3.5" x 1.4" x 2.5") | |
| Weight: | (UNI) - 130 g (4.6 oz.), (230) - 110 g (3.9 oz.) | (UNI) - 143 g (5 oz.), (230) - 125 g (4.4 oz.) |
| Standards: | EN 61812-1, EN 61010-1 | |

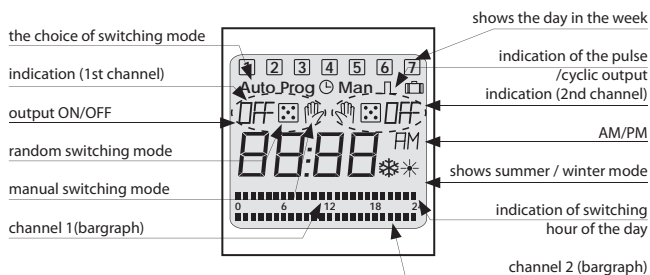
- This time switch clock SHT is used to control various appliances in real time; daily, weekly, monthly and yearly mode.
- Switching: according to the program (AUTO)/constantly manually, manually to next program change/random (CUBE).
- „Holiday program“ option to choose an interval when the device doesn't switch according to the standard program, but will be blocked during that time.
- Automatic conversion summer / winter time.
- Sealeable cover of front panel, easy controlling via 4 buttons.
- 100 memory places, clear LCD display, min. interval 1 s.
- Voltage range: AC 230 V or AC/DC 12-240 V.
- Cyclic output.
- Pulse output.
- SHT-1, SHT-3: one channel version, 2-MODULE, DIN rail mounting, clamp terminals.
- SHT-1/2, SHT-3/2: two channel version, 2-MODULE, an individual program can be run on each channel.

| | Output | | Time programm | | | |
|---------|-----------|-----------|---------------|------|-------|------|
| | 1 channel | 2 channel | day | week | month | year |
| SHT-1 | • | | • | • | | |
| SHT-1/2 | | • | • | • | | |
| SHT-3 | • | | • | • | • | • |
| SHT-3/2 | | • | • | • | • | • |

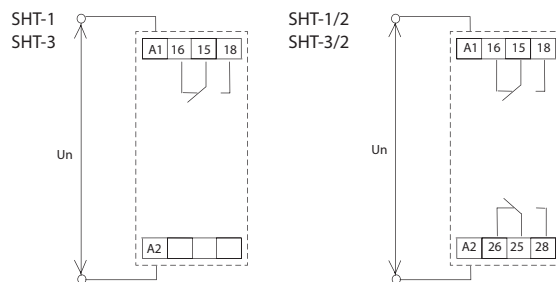
Description



Description of displayed elements on the screen



Connection



Symbol

